REMARKS

Reconsideration of this application, in view of the foregoing amendments and the following remarks, is respectfully requested.

Double Patenting

Claims 1-10 are provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-4 and 10-14 of copending Application No. 09/996,167.

Applicants respectfully offer to submit a terminal disclaimer in compliance with 37 CFR 1.321(c) upon determination of allowability of these claims.
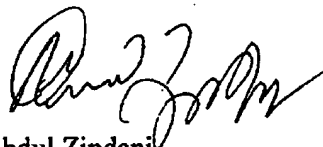
Claim Rejections under 35 USC § 103

Claims 1- 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over admitted prior art figs. 1-6 in view of Radi US Patent No. 6,594,327. Applicants respectfully traverse these rejections.

Claim 1 has been amended to recite generating a plurality of correlation results for each correlation and calculating a correlation value from the plurality of correlation results. The cited reference compares a single bit with a plurality of bits in an XOR operation, which does not calculate a correlation value from a plurality of correlation results. The amended language of claims 1 and 11 is supported by the specification with reference to figure 9.

Applicant believes this application and the claims herein to be in a condition for allowance. Please charge any additional fees, or credit overpayment to Deposit Account No. 20-0668. Should the Examiner have further inquiry concerning these matters, please contact the below named attorney for Applicant.

Respectfully submitted,

Abdul Zindani
Attorney for Applicant
Reg. No. 46,091

Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265
(972) 917-5137